Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 01 Nov 2023 until 23:59 on Thursday 02 Nov 2023

Forecast Issued on Wednesday 01 Nov 2023 at 00:25

Confidence: High for unsettled conditions through Wednesday and Thursday but lower for details due to uncertainties over exact track of Storm Ciarán. Medium confidence for rather more settled later in week.

Headline for Wednesday 01 Nov 2023: Early rain then showers. Breezy

Mountain weather hazards on Wednesday 01 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Cloudy	Light rain showers	Light rain showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
70%	40%	30%	40%	10%	10%

Forecast for Wednesday 01 Nov 2023

Weather: Cloud to start with outbreaks of rain, heavy at times, clearing northeast by mid-morning. Sunny spells and occasionally heavy, perhaps thundery, showers developing for the afternoon. Showers likely most frequent in the west, dying out later. Becoming cloudier again through the evening with rain in southwest by midnight.

Chance of cloud-free hill tops above 600m: Little chance at first becoming 90% by late morning. Falling to 30% by midnight.

Low cloud and visibility: Extensive cloud, base 400-500m at first with patches lower in the east. Cloud lifting and breaking mostly above the hills, but with patches lowering onto the summits in heavier showers. Visibility poor to very poor at first, becoming good or very good away from showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 01 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/30 SE	21/29 SW	22/30 SW	26/36 SW	23/34 SW	19/29 S	18/27 SE
300	22/31 SE	16/25 S	18/27 SW	20/30 SW	17/27 SW	14/24 S	14/24 SE
Valley	13/30 SE	11/25 S	13/26 S	14/29 SW	12/27 SW	8/22 S	11/24 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/4	8/4	8/3	6/1	5/-1	4/-1	4/-1
300	11/7	10/7	10/7	9/5	7/3	6/2	6/2
Valley	10/8	11/9	11/8	9/6	8/4	6/3	6/3
Freezing Level*	2300m	1900m	1500m	1400m	1200m	1100m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts perhaps reaching 40-45mph over exposed ridges and summits, with an increasing chill effect through the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 01 Nov 2023	7.2mm	16.4mm	17.8mm

Forecast for Thursday 02 Nov 2023

Weather: Cloudy with occasionally heavy rain through the early hours. Then a mostly cloudy day with further outbreaks of rain, these heavy and persistent at times. Windy at times.

Maximum wind: Southeasterly 20-25mph soon backing northeasterly 30-35mph, with risk of gusts 45-50mph over higher peaks through the early hours. Winds ease a little soon after dawn and turn more northerly 20-25mph by early afternoon.

Chance of cloud-free hill tops above 600m: Little chance through much of the day.

Low cloud and visibility: Extensive cloud above 450-600m. Visibility generally poor or very poor in rain and low cloud. Perhaps briefly good away from cloud and rain.

Temperature: **Valleys:** Around plus 4 Celsius rising to plus 10 Celsius
At 600m: Around plus 5 or 6 Celsius
Freezing level: Above the summits.

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